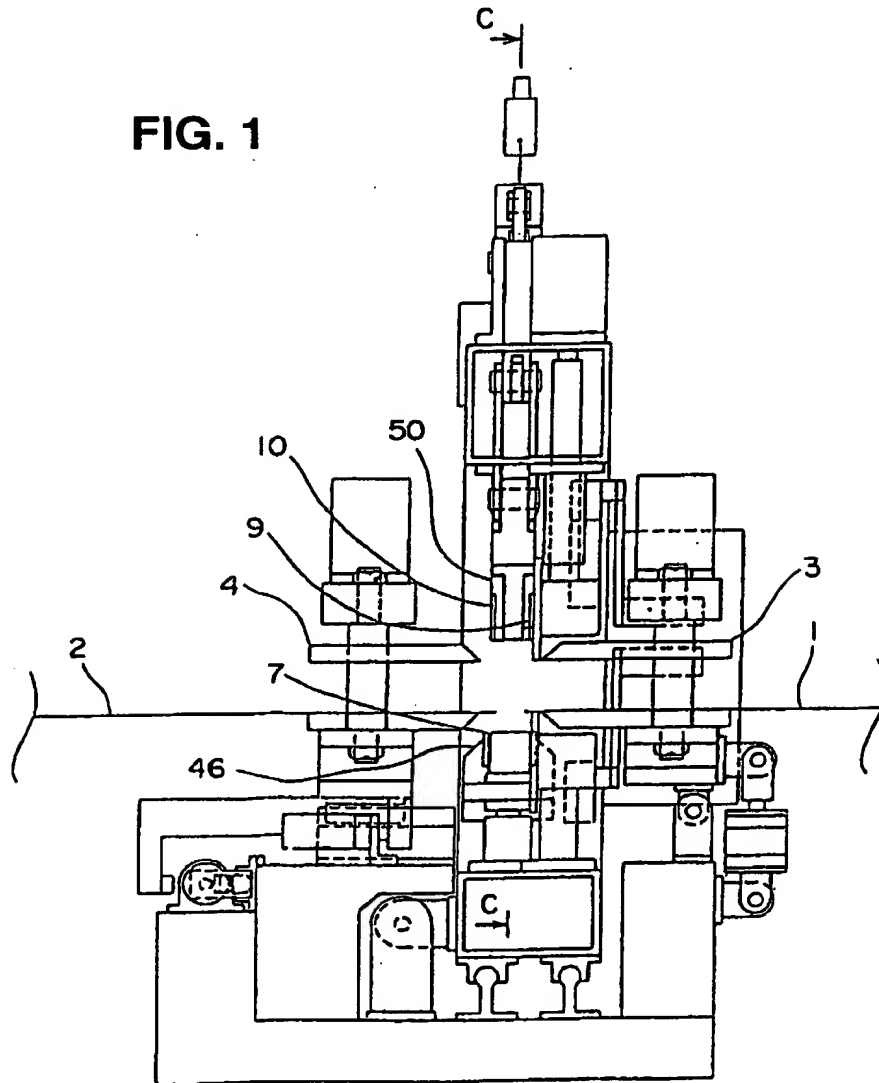


83
639.1

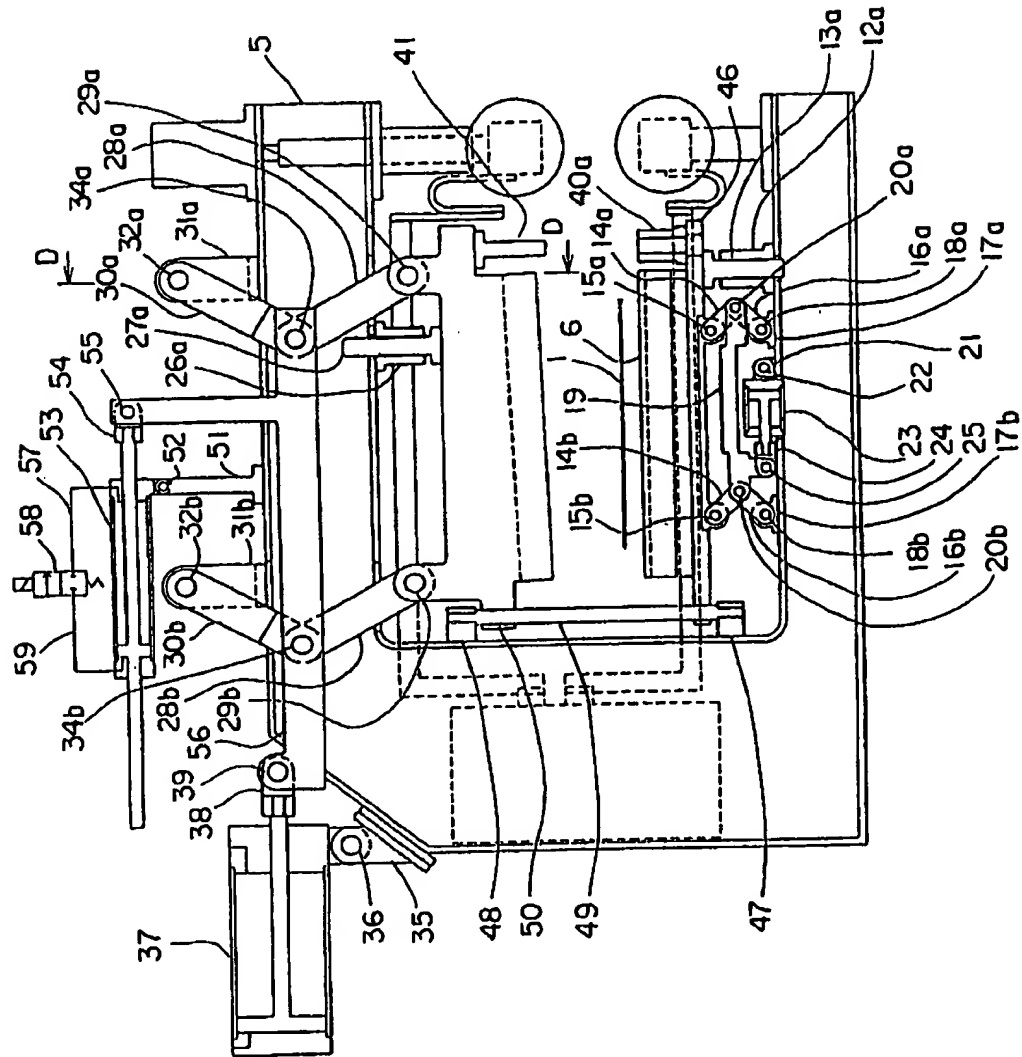
FIG. 1



CUTTING APPARATUS FOR WELDING MACHINE

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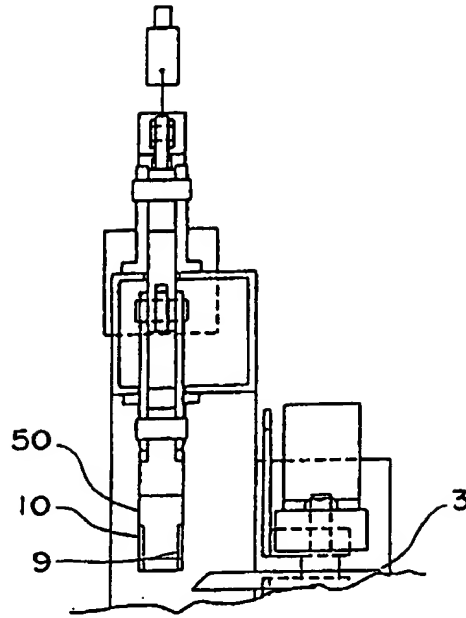
FIG. 2



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MACHINE

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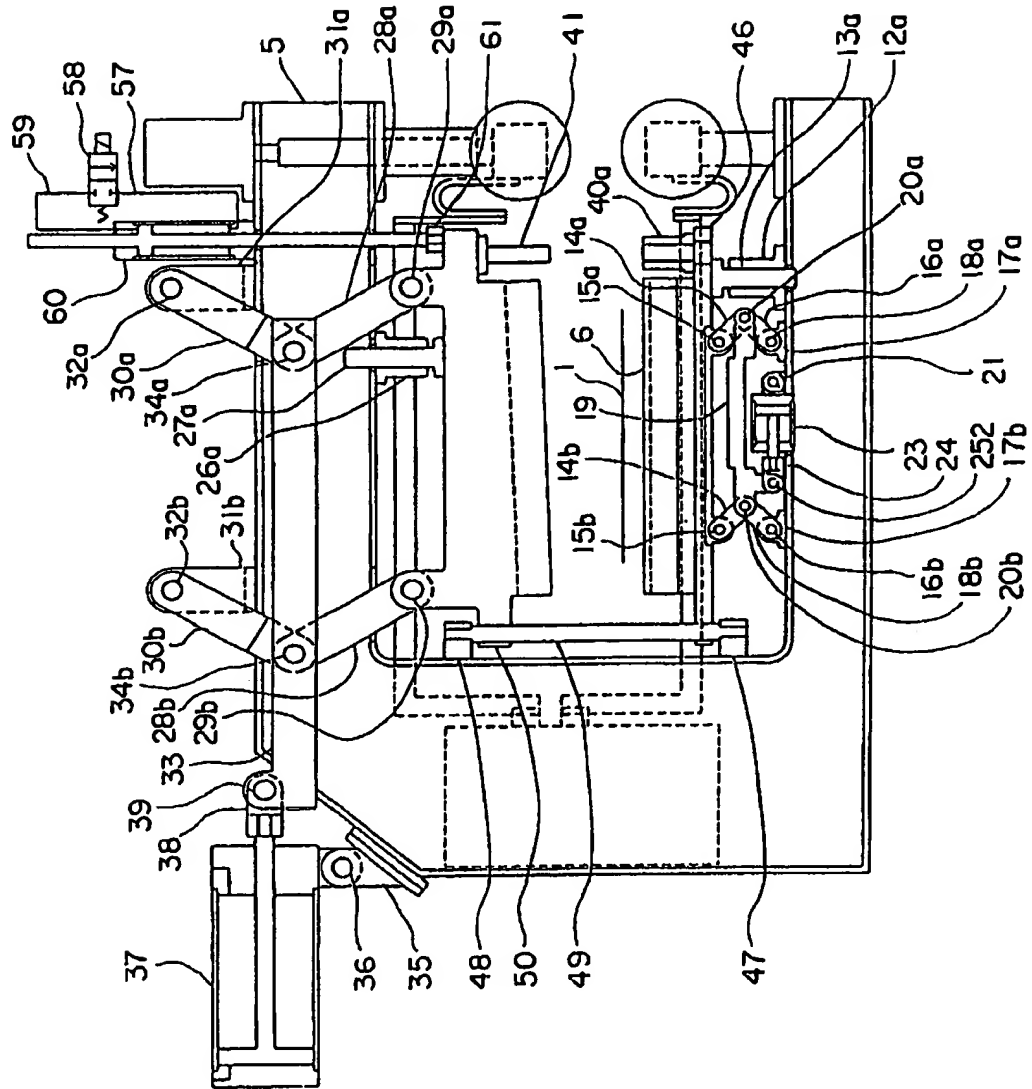
FIG. 3



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FIG. 4



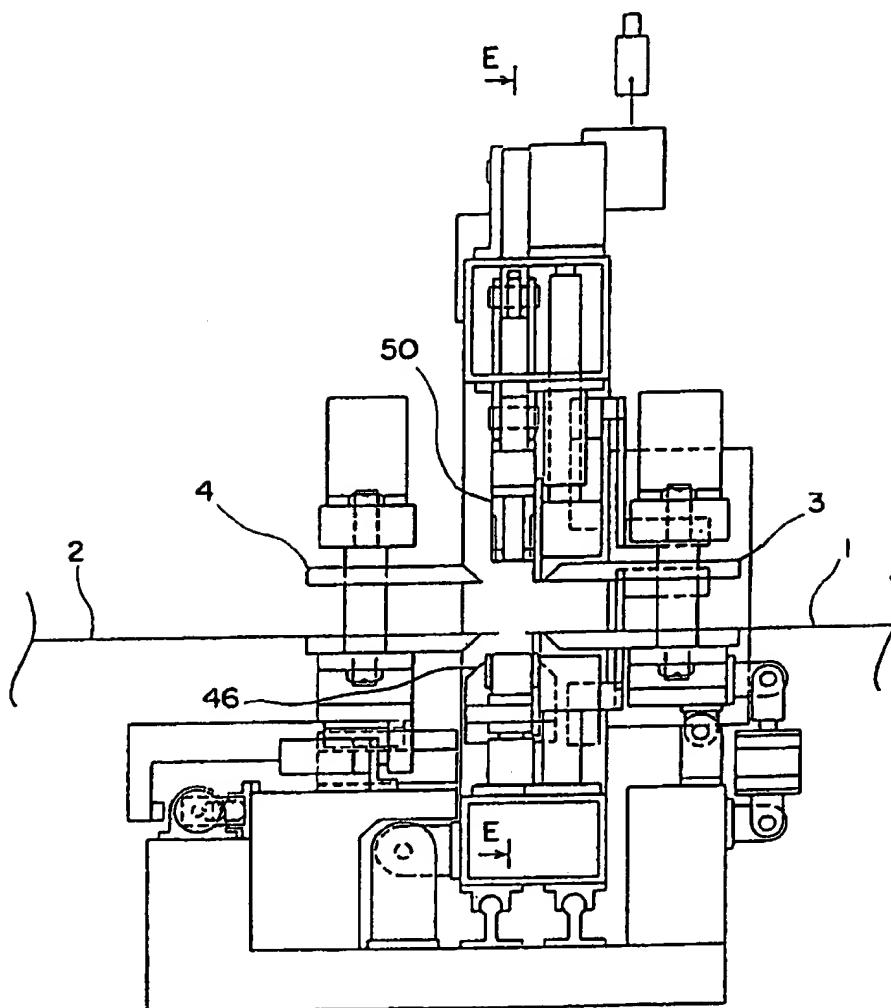
CUTTING APPARATUS FOR WELDING
MACHINE

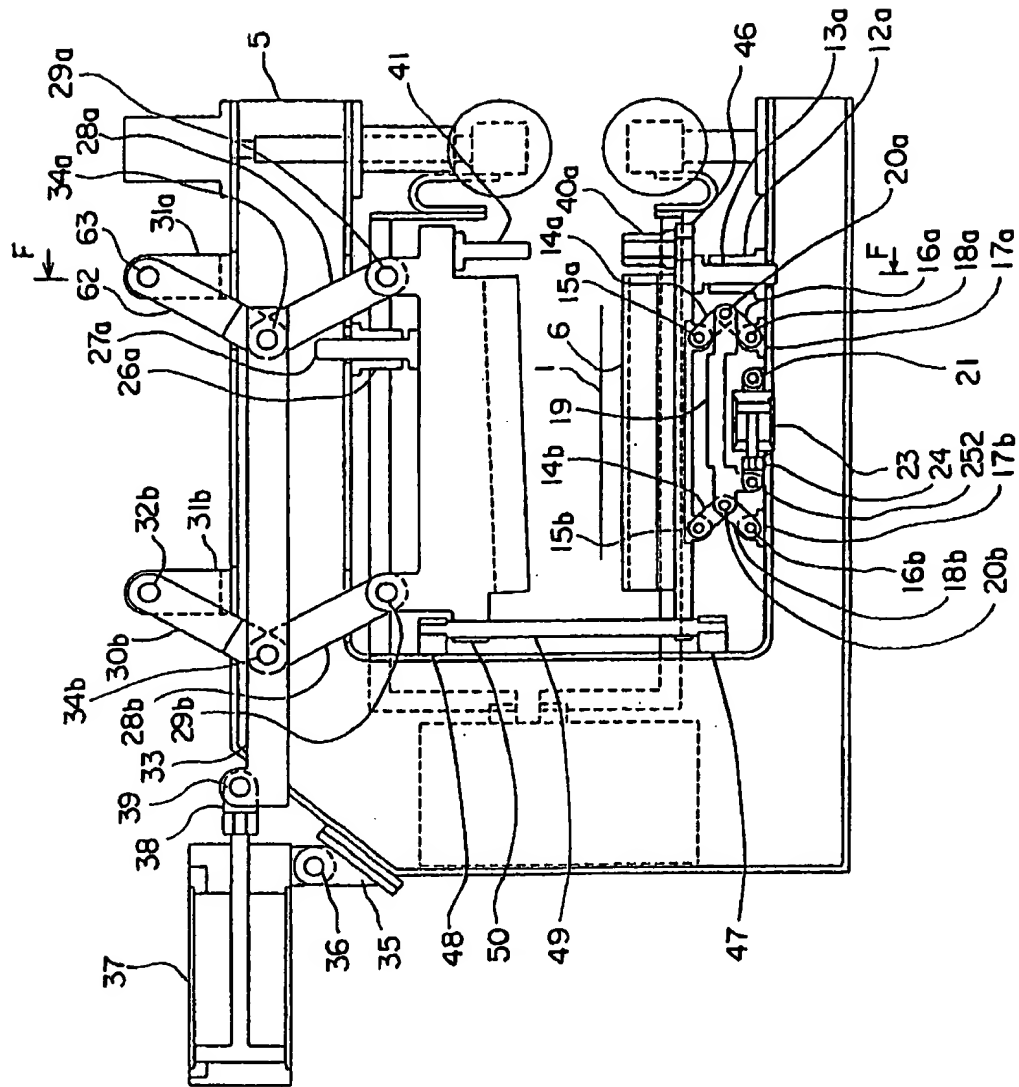
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FIG. 5





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FIG. 7

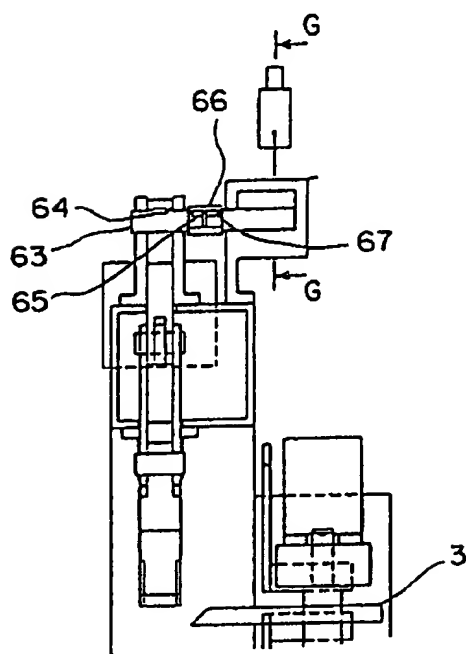
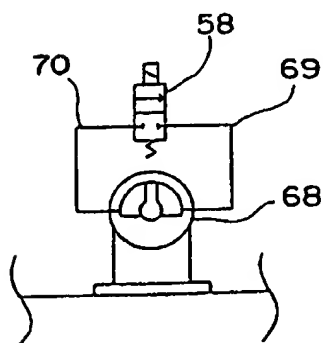


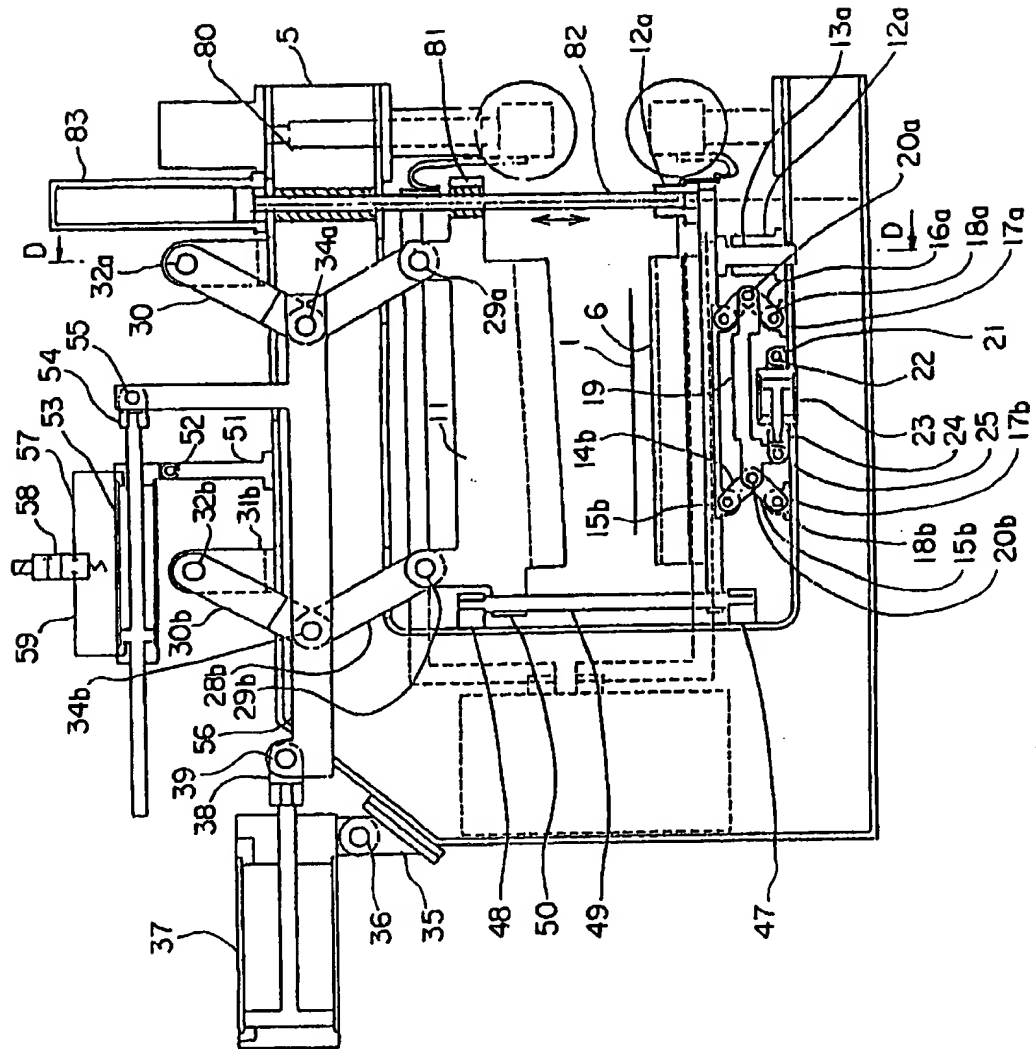
FIG. 8



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FIG. 9



CUTTING APPARATUS FOR WELDING MACHINE

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FIG. 10

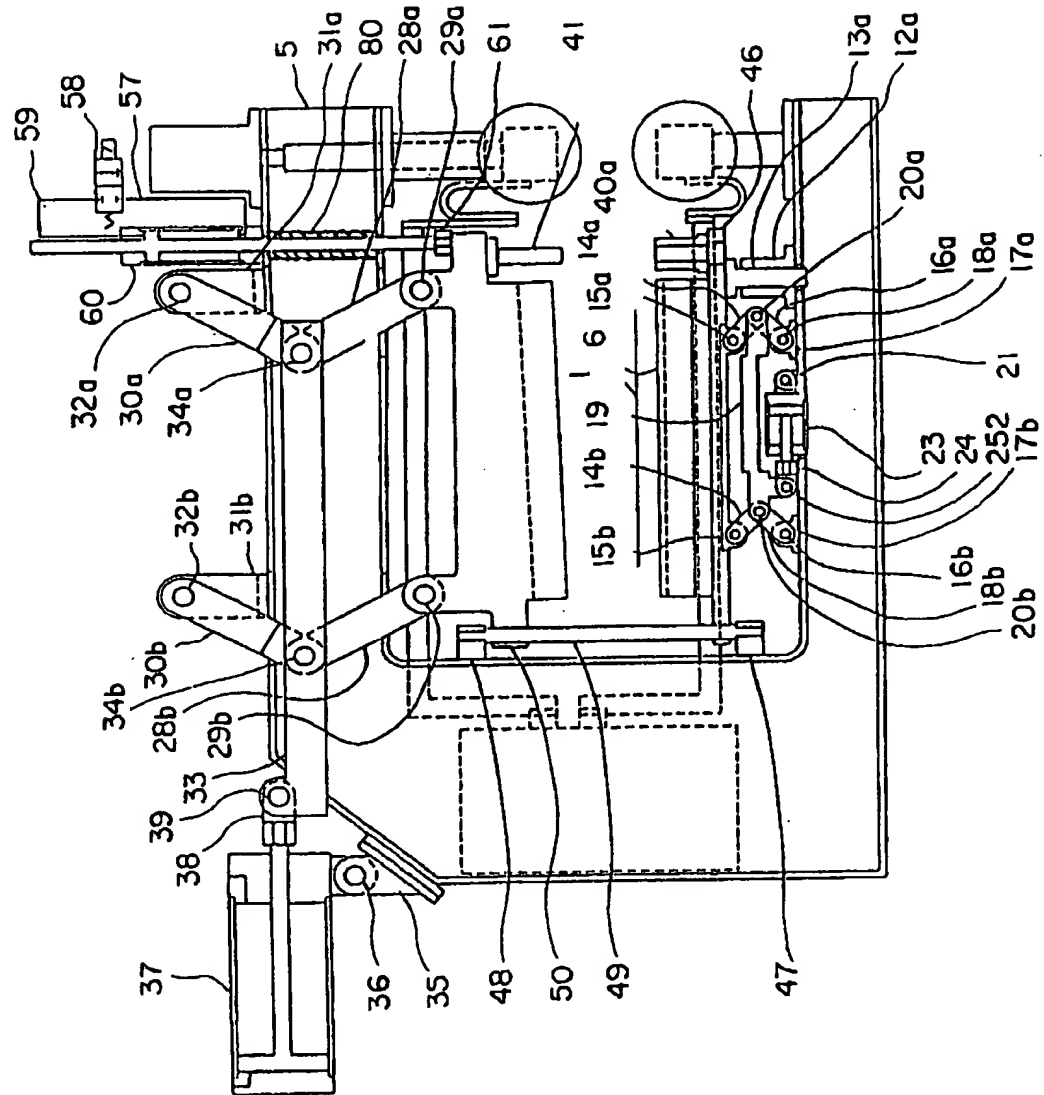
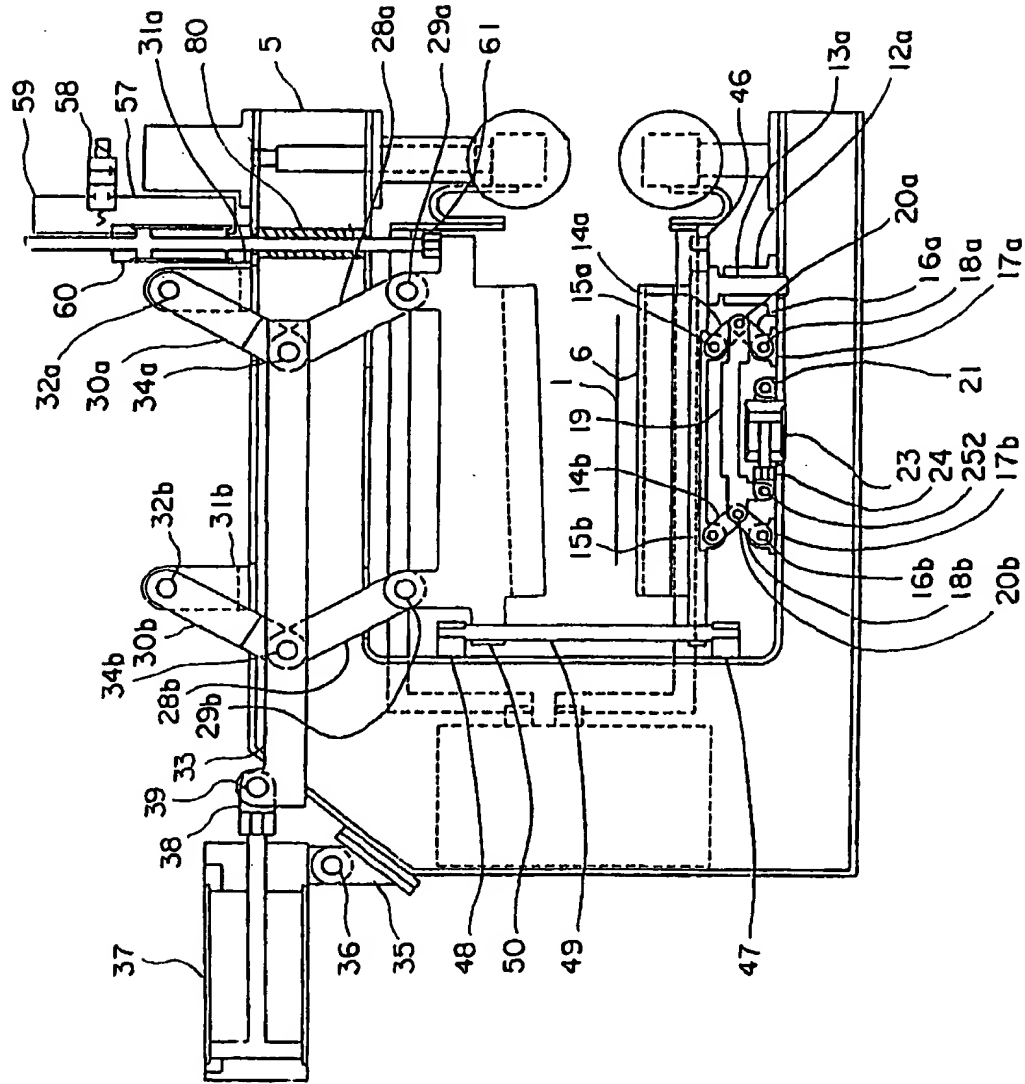
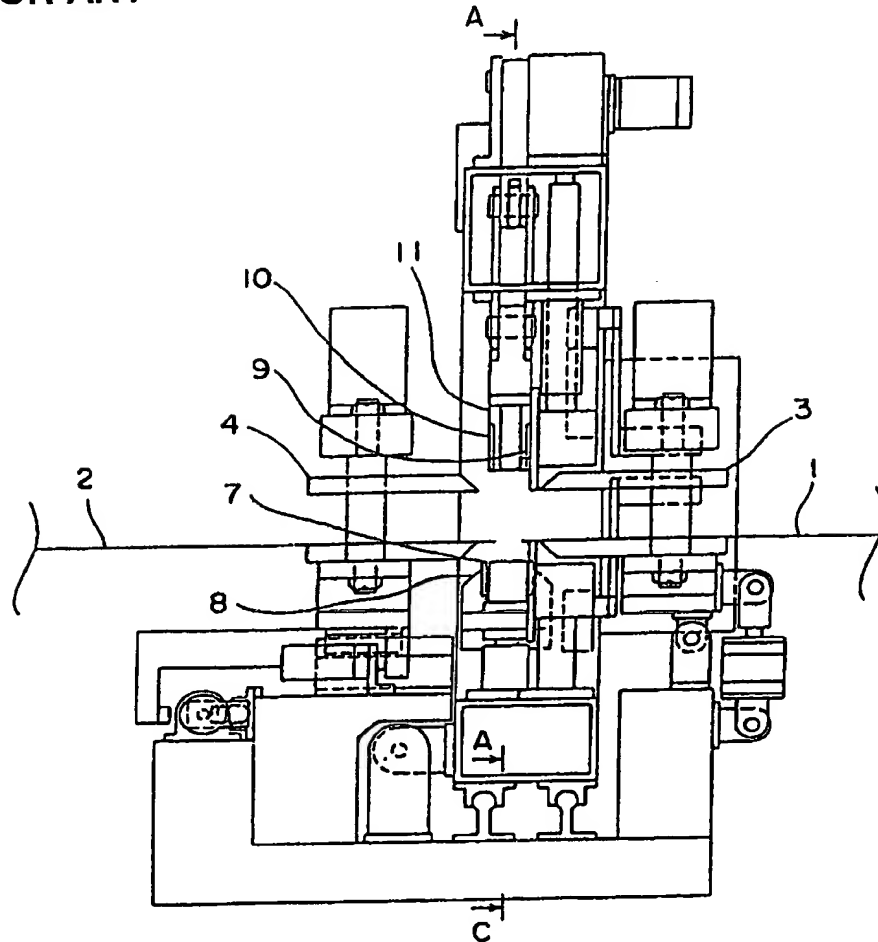


FIG. 11



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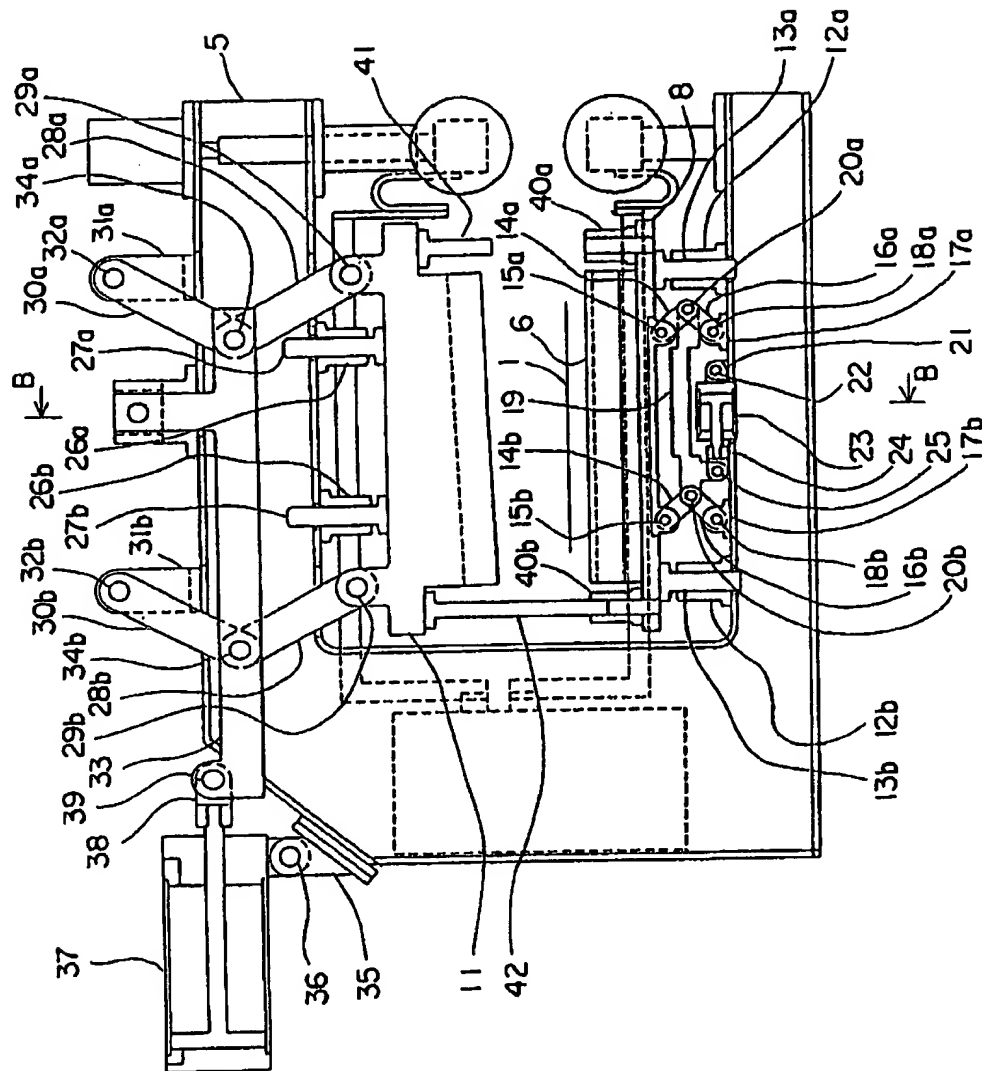
FIG. 12
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FIG. 13
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FIG. 14
PRIOR ART

